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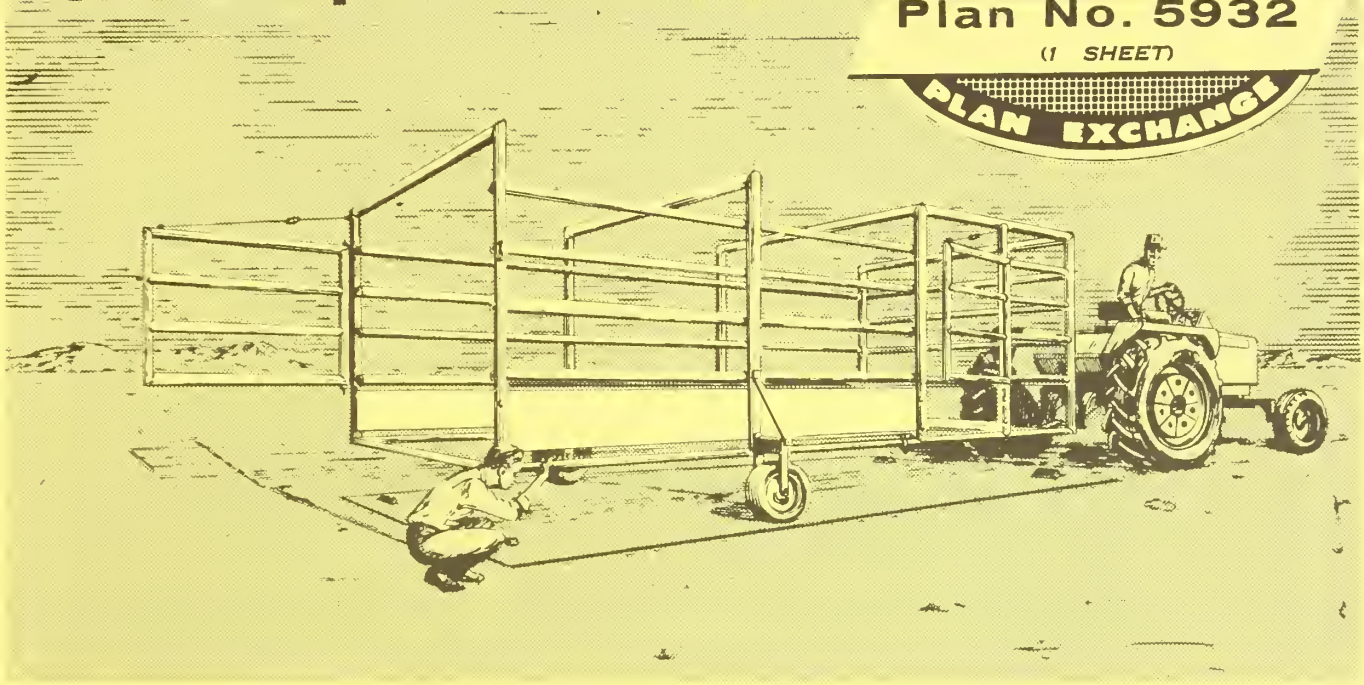
Cop. 2

MOVABLE PEN
for truck platform scale

COOPERATIVE FARM BUILDING
Plan No. 5932
(1 SHEET)
PLAN EXCHANGE



This movable pen is especially efficient for a livestock feeding operation.

Keeping records of performance of the animals, of gains to be applied to contractual agreements, of the evaluation of shipping shrinkage, and of the weights of feed being furnished to the animals all require the use of a scale. For weighing livestock, the scale must be surrounded by a fence or pen. For weighing the feed, free access to the scales is necessary for trucks loaded with hay, silage, or grain. Purchase of a truck scale can be a sizable investment, so the movable pen was designed to obtain the economical and efficient use of one scale for both types of weighings.

The pen is made from 1¼-inch pipe cut and welded to size to fit the scale platform. The gate at the back opens the full width of the pen, and a 3-foot 9-inch wide side gate toward the front permits cutting out certain animals from the scale. The boards around the bottom of the pen are necessary when weighing small animals such as sheep or hogs and would not be normally used when weighing cattle.

When preparing the pen for transport, the strength required to lift it may be materially reduced by releasing the lever arm on each wheel, lowering the wheel to the ground, and placing a chock block in front of the wheel. The pen is then pulled forward against the chock, and the forward travel will help lift the pen upward on the wheels so that they may be locked in the transport position. An angle stop, welded to the frame behind the wheel support assembly, prevents the assembly from going back too far and causing the jacking lever to run into the ground.

Since the pen weighs about 1,000 pounds, the wheels and wheel support assembly must be fairly rugged. The small wheel indicated limits travel to reasonably smooth terrain.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Federal Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 5932—MOVABLE PEN FOR TRUCK PLATFORM SCALE

Washington, D.C. Issued January 1969

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1110

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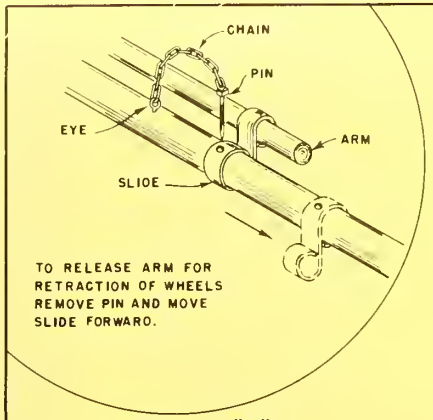

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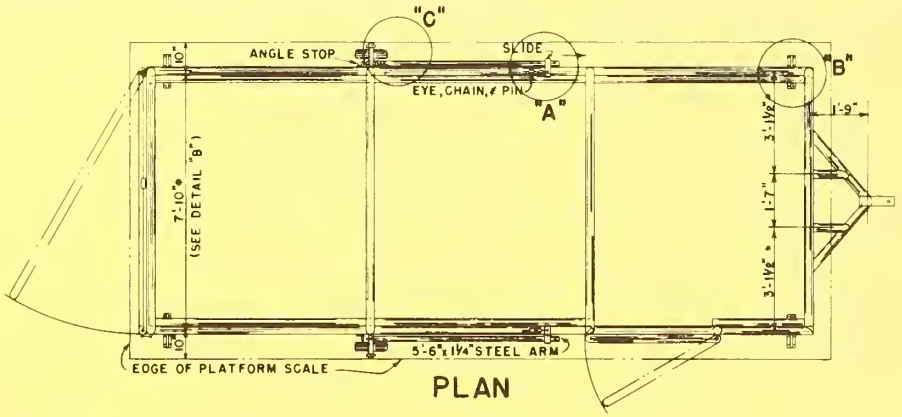
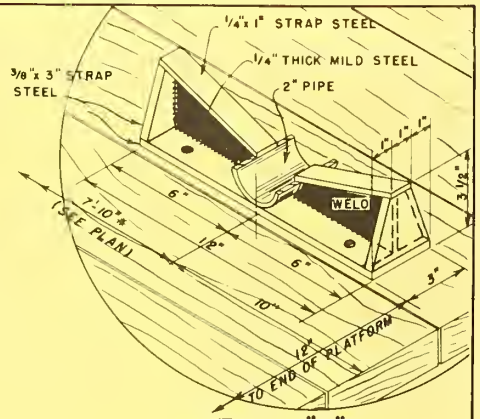


PLAN



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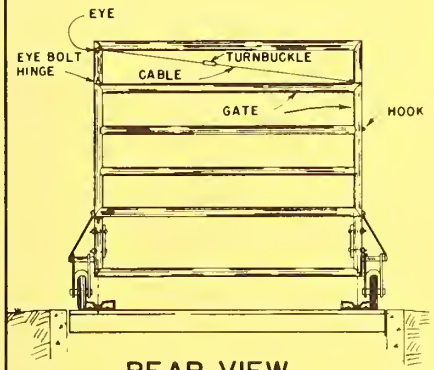
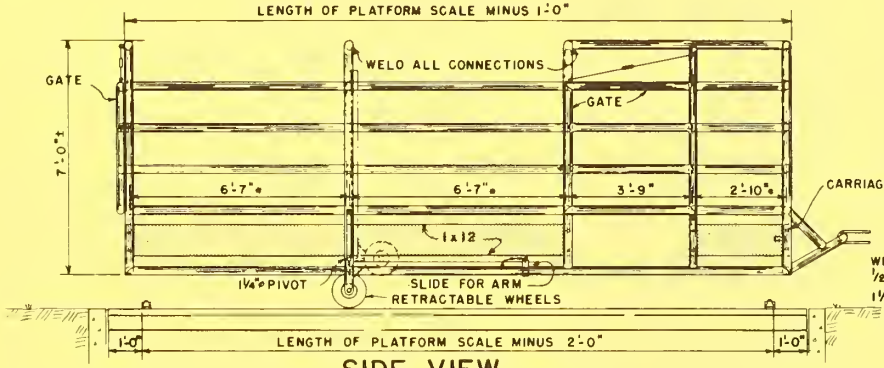
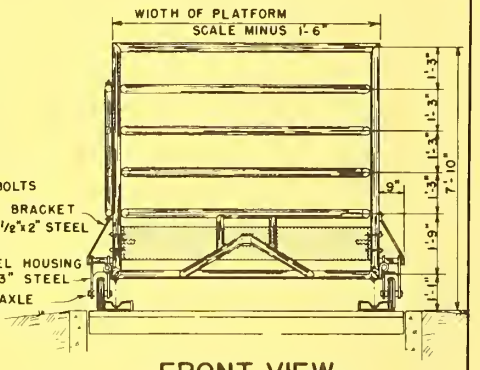


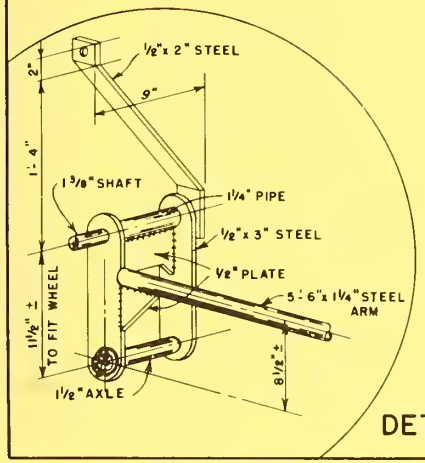
REAR VIEW



SIDE VIEW



FRONT VIEW



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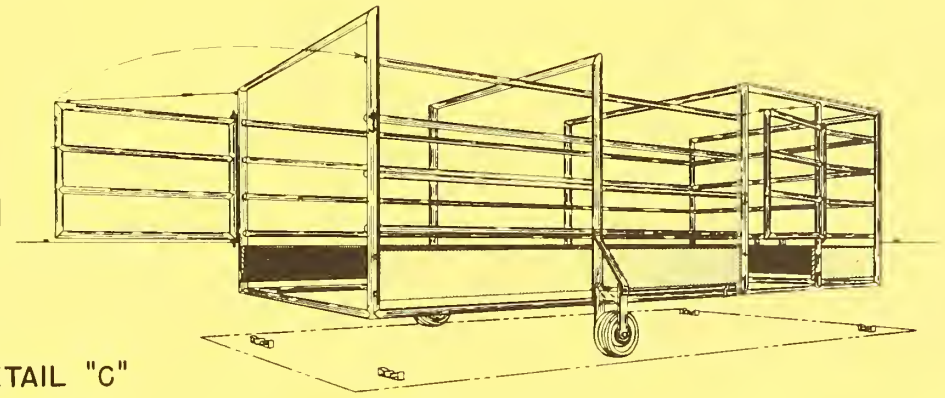

NOTES

ALL CONSTRUCTION TO BE 1¼" PIPE
WELDED CONNECTIONS THRU-OUT.
* DIMENSIONS VARIABLE, BASED ON SIZE PLATFORM SCALE USED.

BASED ON MONTANA PLAN NO. 64

MOVABLE PEN FOR TRUCK PLATFORM SCALE		
USDA	EX 5932	SHEET 1 OF 1

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